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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/990,850	11/21/2001	Mark Linus Bauman	ROC920010193US1	2719

7590 03/01/2006

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EXAMINER

MEKY, MOUSTAFA M

ART UNIT PAPER NUMBER

2157

DATE MAILED: 03/01/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Supp.

Notice of Allowability

Application No.

09/990,850

Examiner

Moustafa M. Meky

Applicant(s)

BAUMAN ET AL.

Art Unit

2157

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the telephone interview on 2/23/2006.
2. ☒ The allowed claim(s) is/are 1-29.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date 2/23/2006.
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

Moustafa M. Meky
MOUSTAFA M. MEKY
PATENT EXAMINER

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Rondol W. Read on 2/23/2006.

The application has been amended as follows:

IN THE CLAIMS

20. (Amended) A computer-readable storage medium, containing a program which, when executed, performs an operation of processing client-server messages, the operation comprising:

in response to an input operation from an application to a socket, configuring the socket to recognize a format of a message to be received from a sender, whereby the socket is configured to receive the message without invoking the application until the message is completely received.

21. (Amended) The computer-readable storage medium of claim 20, wherein the message is a client-server message.

22. (Amended) The computer-readable storage medium of claim 20, wherein the input operation provides to the socket a record definition specifying the format of the message.

23. (Amended) The computer-readable storage medium of claim 22, further comprising, issuing an output operation from the socket to the application indicating that the request has been completely received.

24. (Amended) The computer-readable storage medium of claim 22, further comprising:

placing by the socket, the request on a queue when the request is completely received, wherein the request may be subsequently dequeued by the application.

25. (Amended) The computer-readable storage medium of claim 22, utilizing, by the socket, the record definition to determine one of (i) a length of the message and (ii) a terminating character of the message.

26. (Amended) The computer-readable storage medium of claim 22, further comprising, interpreting, by the socket, a record header of the message, wherein the record header comprises length information specifying a length of the message.

27. (Amended) The computer-readable storage medium of claim 22, further comprising, determining, by the socket, whether the message contains a terminating character.

28. (Amended) The computer-readable storage medium of claim 22, wherein only a single input operation from the application layer to the sockets layer is needed before processing the message by the application.

29. (Amended) The computer-readable storage medium of claim 22, wherein the message is formatted as a streaming protocol.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Moustafa M. Meky whose telephone number is 571-272-4005. The examiner can normally be reached on flex.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ario Etienne can be reached on 571-272-4001. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

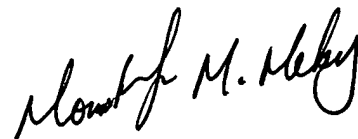
Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For

Art Unit: 2157

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MMM

2/23/2006



MOUSTAFA M. MEKY
PRIMARY EXAMINER